

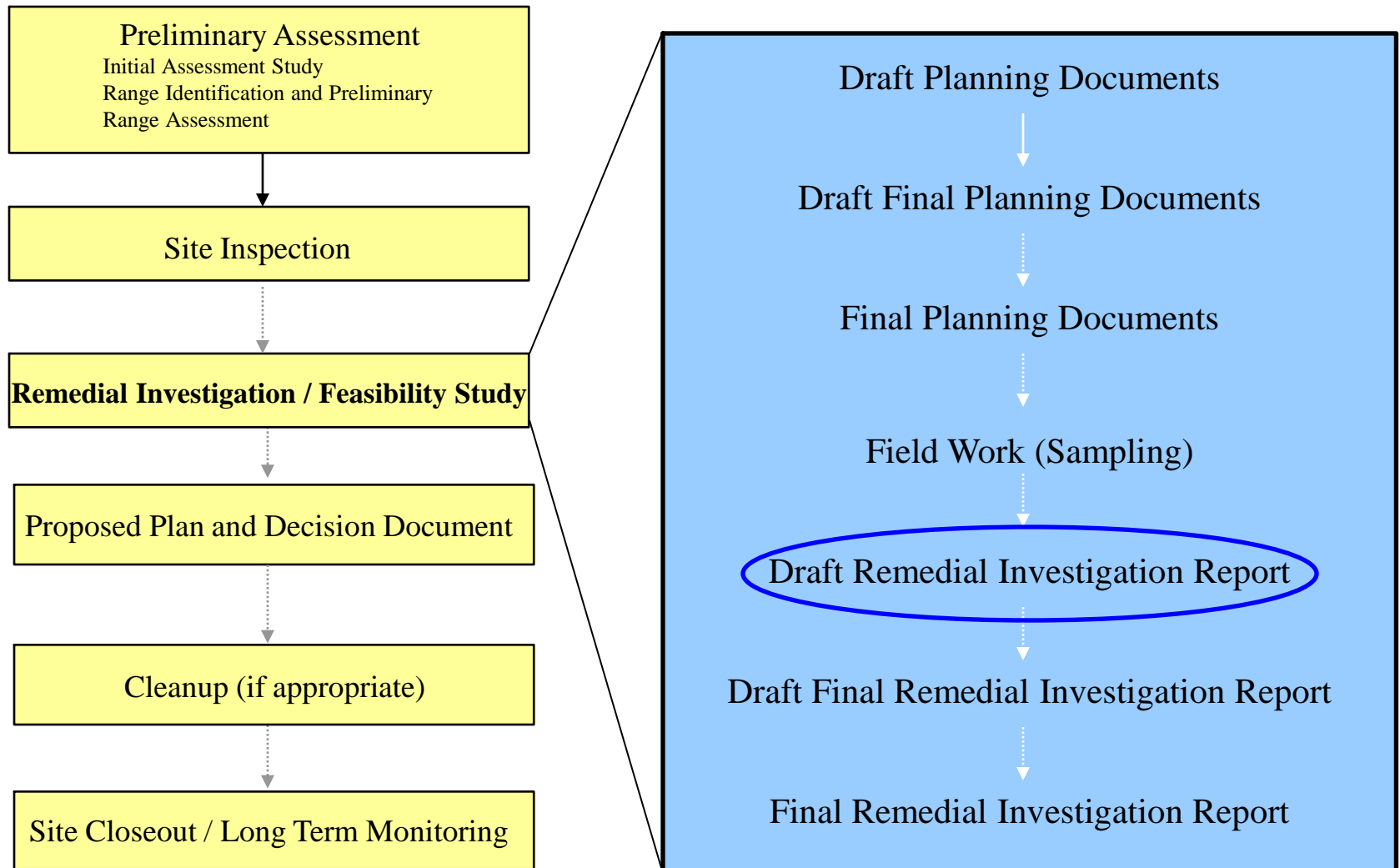


Waikane Valley Impact Area RI Report





Waikane Valley Impact Area Progress





Acronyms



- **AOC – Area of Concern**
- **RI – Remedial Investigation**
- **MPPEH – Material Potentially Presenting an Explosive Hazard**
- **MEC – Munitions and Explosives of Concern**
- **MEC HA – MEC Hazard Assessment**
- **MC – Munitions Constituents**
- **MD – Munitions Debris**



Topics



- **Field Activities**
- **Remedial Investigation (RI) Findings**
- **Risk Assessments**
- **Recommendations**
 - **Southern Area**
 - **Northern Area**



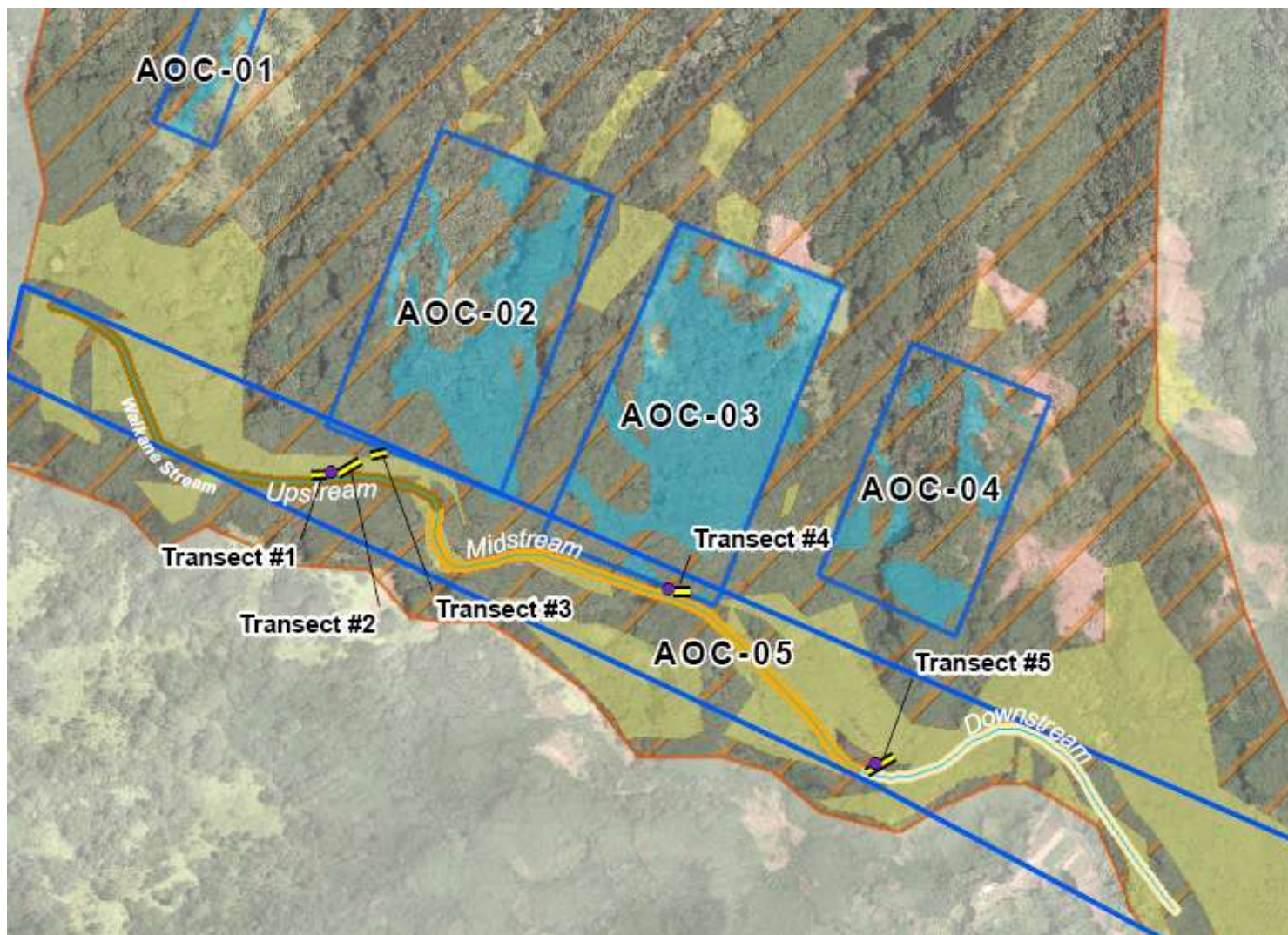
Field Activities



- **Accessible areas within target AOCs**
 - Surface cleared 11 acres
 - Subsurface clearance of 25 grids
- **Accessible areas surveyed**
- **Areas > 30 degrees identified**
- **Soil samples in 5 AOCs**

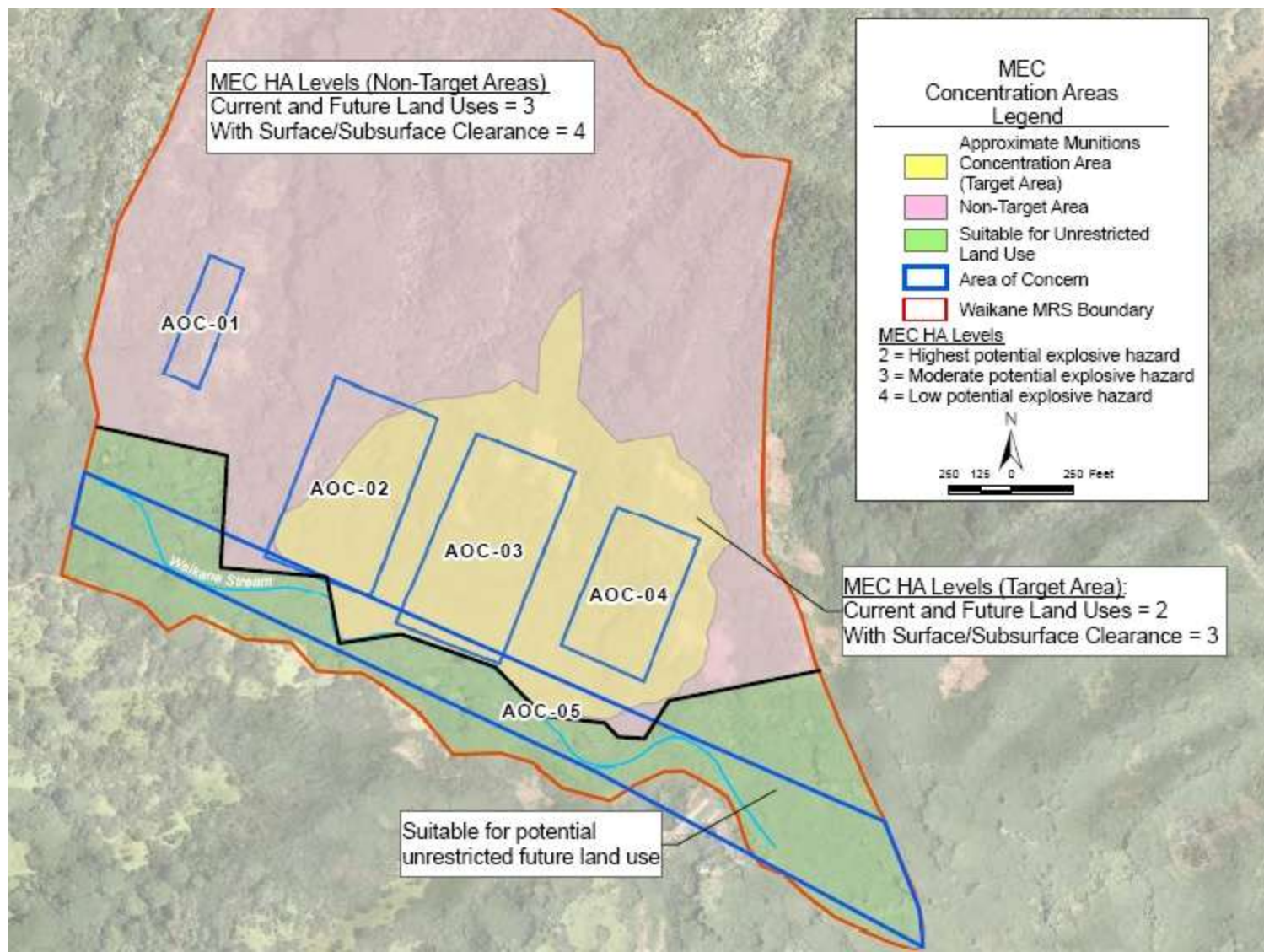


Clearance Locations



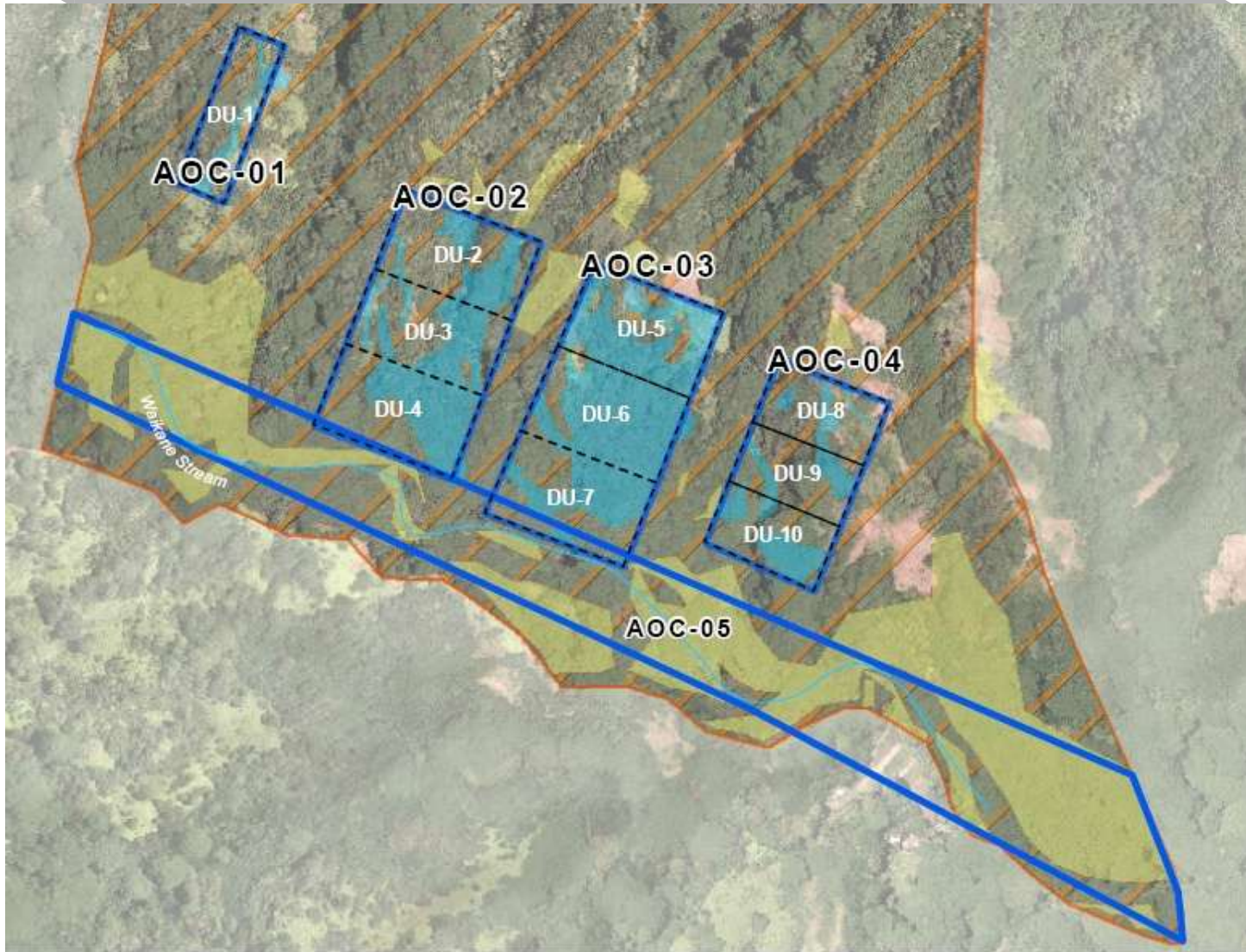


MEC Concentration



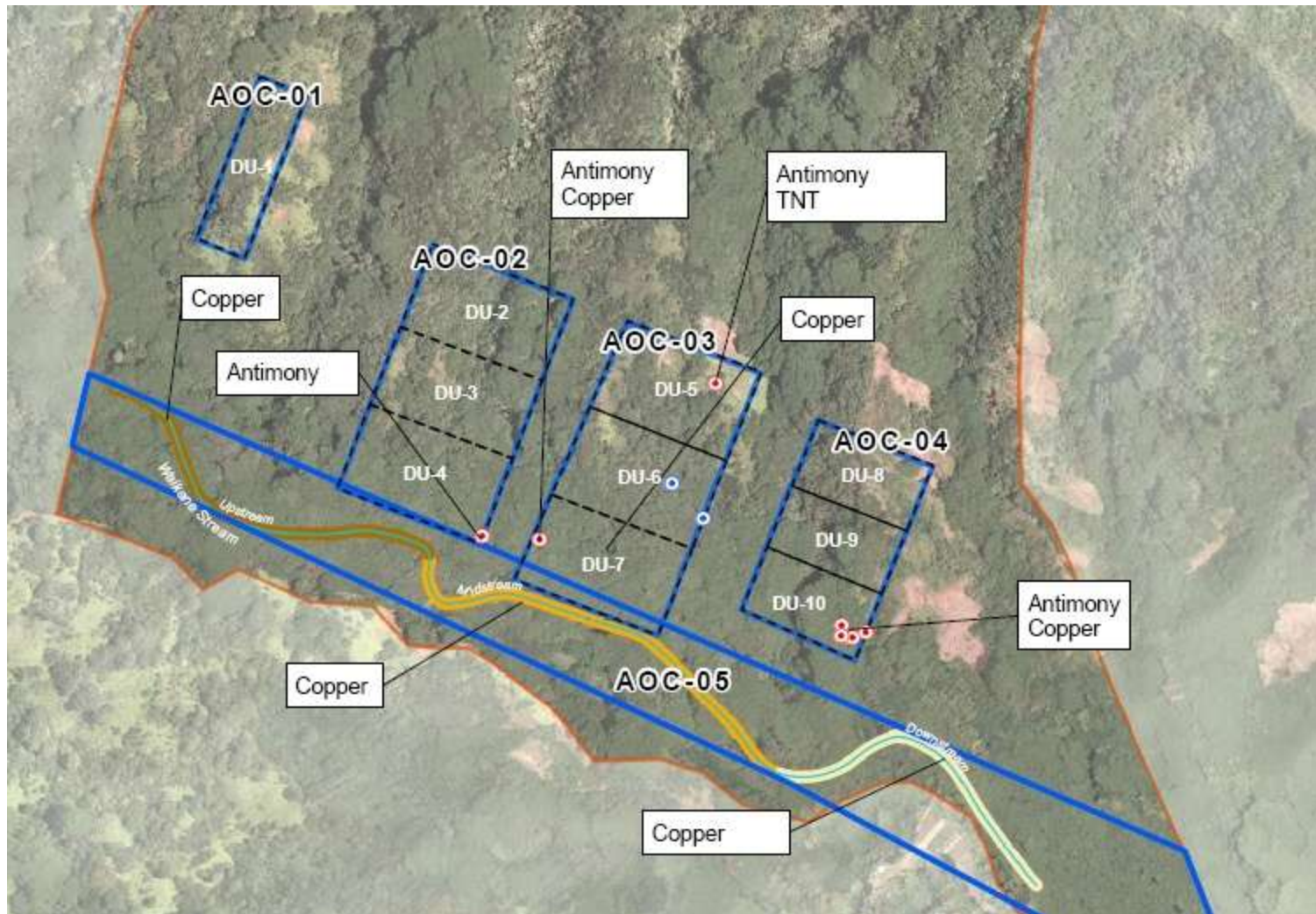


Decision Units





MC Sampling Results





Risk Assessments



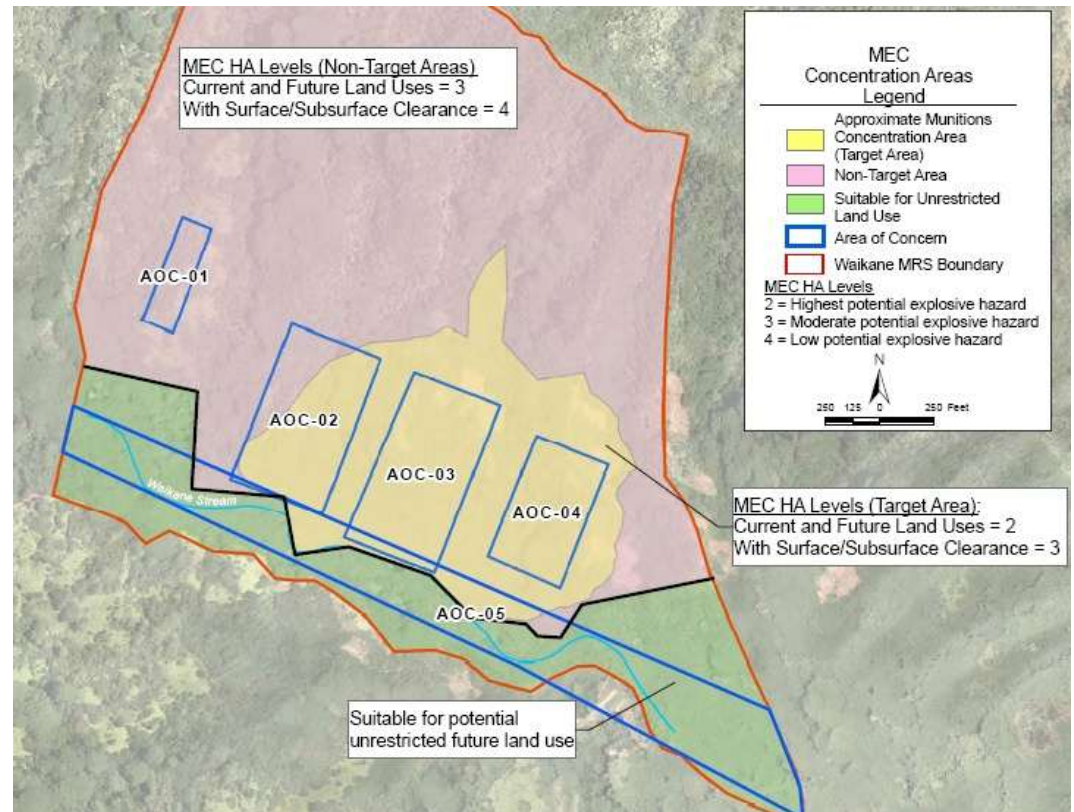
- **Human Health – No Unacceptable Risk**
- **Ecological – No Adverse Effect**
- **MEC Hazard Assessment**
 - **South – No MEC Hazard**
 - **North – MEC Hazards**



MEC HA Results



- **Target area - Yellow**
 - No action – HL1
 - Land Use Controls – HL2
 - Clearance – HL3
- **Non-Target area - Green**
 - No action or LUC – HL3
 - Clearance – HL4





RI Recommendations



- **South of Waikane Stream (34 acres)**
 - No action (unrestricted land use)
 - Land use controls (limitations on use)
- **North of Waikane Stream (153 acres)**
 - No action
 - LUC
 - Surface Clearance
 - Subsurface Clearance



Munitions Response Site Prioritization Protocol (MRSPP)



- Framework to prioritize sites throughout the country (35 CFR Part 179)
- MRSPP ranking values 1 (highest priority) to 8 (lowest priority)
- Waikane Valley Impact Area
 - Initially ranked “3” in 2007
 - Remains “3” with new RI results



RI Schedule



- **Draft RI Report submitted 9 November 2010**
- **Comments needed (1 Jan 2011)**
- **Draft Final RI Report (February 2011)**
- **Comments needed (March 2011)**
- **Final RI Report (April 2011)**

